

Anchorage: Implementation of Best Management Practices for PM10 Control **FY2006 Request: \$350,000**
Reference No: 39372

AP/AL: Allocation **Project Type:** Construction
Category: Transportation
Location: Anchorage Areawide **Contact:** John MacKinnon
House District: Anchorage Areawide (HD 17-32) **Contact Phone:** (907)465-6973
Estimated Project Dates: 07/01/2005 - 06/30/2010
Appropriation: Surface Transportation Program

Brief Summary and Statement of Need:

This project provides funding for (1) sweeping of major roads in the Municipality prior to peak PM-10 (particulate matter or dust) period associated with spring break-up; (2) application of chemical dust palliatives to treat accumulated dirt on the shoulders and medians of major roads to reduce dust emissions during high PM-10 periods; (3) development, implementation and enforcement of possible new regulations and permitting requirements for those involved in sanding and/or sweeping roads, parking lots and (4) purchase of new equipment for sweeping and chemical dust palliative application.

Funding:	<u>FY2006</u>	<u>FY2007</u>	<u>FY2008</u>	<u>FY2009</u>	<u>FY2010</u>	<u>FY2011</u>	<u>Total</u>
Fed Rcpts	\$350,000						\$350,000
Total:	\$350,000	\$0	\$0	\$0	\$0	\$0	\$350,000

<input type="checkbox"/> State Match Required	<input checked="" type="checkbox"/> One-Time Project	<input type="checkbox"/> Phased - new	<input type="checkbox"/> Phased - underway	<input type="checkbox"/> On-Going
0% = Minimum State Match % Required		<input type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill	

Operating & Maintenance Costs:

	<u>Amount</u>	<u>Staff</u>
Project Development:	0	0
Ongoing Operating:	0	0
One-Time Startup:	0	0
Totals:	0	0

Additional Information / Prior Funding History:

FY2005 - \$350,000. Per the Department's new cost sharing policy, the community must provide the match for this project.

Project Description/Justification:

Anchorage exceeded federal PM-10 standards in March of 2001 and March of 2003 as a result of high winds which re-entrained glacial silt and accumulated traction sand along Anchorage roadways. Because these occurrences were caused in large part by natural sources, Anchorage was not re-classified as a nonattainment area for PM-10. Nevertheless, the EPA required Anchorage to prepare a "Natural Events Action Plan" (NEAP) to control "man-caused" or anthropogenic PM-10 emissions during these wind events. The aim of this CMAQ project is to implement practical measures identified in the NEAP to reduce anthropogenic PM-10 emissions, especially those that originate from Anchorage roadways.